Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 17 Oct 2023 until 23:59 on Wednesday 18 Oct 2023

Forecast Issued on Monday 16 Oct 2023 at 16:09

Confidence: High becoming Medium in detail from Wednesday and Low form Friday.

Headline for Tuesday 17 Oct 2023: Dry and bright. Strengthening easterly winds. Feeling chilly over the tops.

Mountain weather hazards on Tuesday 17 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability							
00%	00%	00%	00%	00%	<05%	10%	20%

Forecast for Tuesday 17 Oct 2023

Weather: Dry with clear spells overnight. Staying dry and bright during daylight hours, but patchy light rain possible in the evening. Strengthening easterly winds.

Chance of cloud-free hill tops above 600m: 70%

Low cloud and visibility: Mainly no significant cloud, but occasional or patchy cloud, base 300m, possible over the east of the park in the morning. Visibility mainly good or very good, except in any cloud in the east.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 17 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/21 E	17/24 E	18/26 E	21/28 E	28/38 E	29/39 E	30/43 E	30/43 E	29/42 E
300	9/15 NE	9/14 NE	10/16 NE	13/20 E	15/23 E	16/27 E	20/34 E	23/39 E	23/38 E
Valley	10/20 E	12/24 E	12/25 E	11/24 E	14/27 E	14/29 E	15/31 E	17/35 E	15/33 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/0	5/0	4/-0	5/0	7/2	8/3	6/1	6/0	6/0
300	6/3	6/4	6/3	8/5	10/7	11/8	9/5	8/4	9/4
Valley	6/3	6/3	7/3	8/6	11/8	12/9	10/7	9/6	9/6
Freezing Level*	1400m	1500m	1500m	1500m	1400m	1500m	1600m	1700m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Note strengthening winds.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 16 Oct 2023	0mm	1mm	1mm

Forecast for Wednesday 18 Oct 2023

Weather: Mainly dry and windy overnight. Often dry during daylight hours, some early bright spells, although becoming mostly cloudy with patchy rain or showers possible. Gales and a significant wind chill over the tops. The rain becoming heavy and persistent in the evening.

Maximum wind: East or Southeast 30 to 35mph gusts 50mph.

Chance of cloud-free hill tops above 600m: 70% falling 30% in the evening.

Low cloud and visibility: Cloud mainly near or above the tops at first, but becoming extensive, base around 500m, by the end of the afternoon, lowering 300m or less at times in the evening. Visibility good or very good falling moderate in rain and poor or very poor in cloud and heavier rain later.

Temperature: **Valleys:** Plus 8 Celsius rising to 14 Celsius
At 600m: Plus 5 to 9 Celsius
Freezing level: Above the summits

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